

VIA AIR
(Specify Air or Sea Pouch)

DISPATCH NO.

25X1

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CLASSIFICATION

- 6 JUL 1956

TO Headquarters

DATE

FROM Chief of Station

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SUBJECT { GENERAL Operations
 SPECIFIC

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a. Unit and mission number: 2010

b. Conclusions:

- (1) Estimate of mission success. Success of mission considered fair until evaluation of film.
- (2) Lessons learned from mission and other comments. See paragraphs c(4); d(1)(3).
- (3) Recommendations. None

c. Comment on adequacy of support items.

- (1) Air rescue - Air rescue facilities although available were not required on this mission.
- (2) Pipeline or supply support - As indicated in report of Mission 2009 in no way hampered the conduct of this mission.
- (3) Base facilities - Continue to be excellent.
- (4) Target and intelligence data - Pilots report concerning target and intelligence data was very limited. Pilot did state that present maps being utilized were not too reliable as he noted some prominent landmarks such as resevoirs and lakes not shown on his map.
- (5) Internal security - Internal security has presented no problem up to date.
- (6) Coordination with Air Defense Command - Procedures for coordination with the Air Defense Command of this theatre have been established through

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- (7) Coordination with [] Coordination with [] and [] was accomplished for this mission in accordance with existing procedures. No difficulties were encountered.

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- (8) Other pertinent items - None.

d. Comment or effect of following on success of the mission.

- (1) No aircraft maintenance, supply difficulties were encountered.

ELECTRONICS

Electronics report reveals the same unusual sound similar to a "tinkling bell" which was encountered in Mission 2009 also after approximately 3:15 to 3:30 hours after take-off.

- (2) No communication difficulties were encountered.

- (3) Photography and photographic equipment - The pilot reported satisfactory operation of camera equipment including hand control, tracker, and the [] The periscope, however, indicated evidence of condensation on the optics, similar to that experienced with Mission A-2009. The tracker worked satisfactory exposing approximately 600' of 70mm film. A dupe positive was made. Due to a slight variation in exposure between tracker cameras from each mission, the development of film had to be altered which resulted in the first and last portions of 2010 tracker negative to be quite dense. The results however are still quite readable. A total of 1118 cycles were made by cameras A-B-C. Post flight inspection indicated malfunction of the right oblique camera in that a shutter wind spring was found broken. The cause was determined as metal fatigue. Life expectancy of this spring is in excess of 10,000 cycles, however this shutter had been used for a total of only 3,173 cycles prior to this mission. This is the first time a shutter main wind spring has broken in this project. Past history of this shutter is as follows:

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Mission A-1015	OK
Mission A-1019	OK
Mission A-97	OK
Mission A-2003	OK
Mission AM-56-19	OK

Sample film clips were taken from each camera and evaluated. As the shutter had malfunctioned somewhere during the 1118 cycles of operation on the right oblique camera, there was no exposure observed on the film clip. The maloperation will be indicated on the film report sent to the processor. The vertical and left oblique camera film

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clips both indicated satisfactory equipment operation, however due to complete cloud coverage factors of resolution, focus, density, were unable to be evaluated. This film is being boxed for shipment by courier. (See Incl. #1 Photo Report)

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- (4) Weather - Weather conditions encountered on this mission was in excess of briefed weather. (See attached report and)
 - (5) Navigation - See paragraph c(4).
 - (6) Flight Planning - See paragraph c(4).
 - (7) Flight following - See paragraph c(4)
 - (8) Tactics - No comment.
 - (9) Other pertinent items - No comment.

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DISTRIBUTION:

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ATTACHMENTS:

- 1. Field Engineering Report Mission 2010
- 2. Documentation of Flight (Wea)

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